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Approved for use through 9/30/2000. OMB 0551-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION AND FEE TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

INCOMPLETE

Attorney Docket No. CELL0018

Date: November 15, 2001

Inventor(s): **Klaus Golbig, Volker Autze, Peter Born, Christian Drescher**

Title **ENHANCING FLUID FLOW IN A STACKED PLATE MICROREACTOR**

FULL NAME OF 1ST NAMED INVENTOR: **Klaus Golbig** COUNTRY OF CITIZENSHIP: Germany

RESIDENCE ADDRESS OF INVENTOR: **In den Rohrwiesen 4a, D-55296 Harxheim, Germany**

FULL NAME OF 2ND NAMED INVENTOR: **Volker Autze** COUNTRY OF CITIZENSHIP: Germany

RESIDENCE ADDRESS OF INVENTOR: **Berger Strasse 314, D-60385 Frankfurt am Main, Germany**

FULL NAME OF 3RD NAMED INVENTOR: **Peter Born** COUNTRY OF CITIZENSHIP: Germany

RESIDENCE ADDRESS OF INVENTOR: **Schulze-Delitzsch-Strasse 7, D65510 Idstein, Germany**

FULL NAME OF 4TH NAMED INVENTOR: **Christian Drescher** COUNTRY OF CITIZENSHIP: Germany

RESIDENCE ADDRESS OF INVENTOR: **Fechenbachstrasse 23, D-33739 Bielefeld, Germany**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal (BELOW)
2. ☒ Applicant(s) claims small entity status. See 37 C.F.R. § 1.27.
3. ☒ Specification [Total Pages 108]
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 43] [FORMAL]
5. ☐ Oath or Declaration [Total Pages]
6. ☐ Newly executed (original or copy)
7. ☐ Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Item 5 below]
8. ☐ DELETION OF INVENTOR(S)
 - i. ☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
9. ☐ Application Data Sheet. See 37 C.F.R. § 1.76
10. ☐ CD-ROM or CD-R in duplicated, large table or Computer Program (Appendix)
11. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on: ☐ i. CD-ROM or CD-R (2 copies); or ☐ ii. Paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) _____ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 _____ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be itemized specifically)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ NONPUBLICATION REQUEST: Request and Certification under 35 U.S.C. 122(b)(2)/(b)(f). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 09/496,999 filed 2/3/00
Prior application information: Examiner: _____ Group / Art Unit: _____

This application is a continuation-in-part of prior copending U.S. Patent Application Serial No. 09/496,999, filed February 3, 2000, priority in the filing date of which is hereby claimed under 35 U.S.C. § 120.

FOR CONTINUATION OR DIVISIONAL APPLICATIONS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Correspondence address below:

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600 - 108th Avenue N.E., Suite 507
Bellevue, WA 98004

Telephone: 425-688-8816

Facsimile: 425-646-6314

| METHOD OF PAYMENT (check one) | | FEE TRANSMITTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|---|----------------|--------------------|--------------------------|---|----|--|---|---|--------------------------------|--|----|---|--|--|--|------------------|--|--|--|--------------------------|--|---|--|----------------------------------|--|------------------------------------|--|--------------------------------|--|------------------|--|-----------------|--|-------------------------------|--|---|--|--|--|--|--|---|--|--|--|---------------------|--|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number _____ Deposit Account Name _____ <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 & 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance 2. Payment Enclosed: <input type="checkbox"/> Check (No. _____) Money Order _____ Other _____ <input checked="" type="checkbox"/> Payment NOT Enclosed | | 3. ADDITIONAL FEES (Continued) <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>Extension for reply within first month</td><td></td></tr> <tr><td>Extension for reply within second month</td><td></td></tr> <tr><td>Extension for reply within third month</td><td></td></tr> <tr><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>Notice of Appeal</td><td></td></tr> <tr><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>Request for oral hearing</td><td></td></tr> <tr><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>Design issue fee</td><td></td></tr> <tr><td>Plant issue fee</td><td></td></tr> <tr><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>Submission after final rejection (37 C.F.R. 1.129(a))</td><td></td></tr> <tr><td>Add'l invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>Other fee (specify)</td><td></td></tr> </tbody> </table> | | Fee Description | Fee Paid | Requesting publication of SIR after Examiner action | | Extension for reply within first month | | Extension for reply within second month | | Extension for reply within third month | | Extension for reply within fourth month | | Extension for reply within fifth month | | Notice of Appeal | | Filing a brief in support of an appeal | | Request for oral hearing | | Petition to institute a public use proceeding | | Petition to revive - unavoidable | | Petition to revive - unintentional | | Utility issue fee (or reissue) | | Design issue fee | | Plant issue fee | | Petitions to the Commissioner | | Petitions related to provisional applications | | Submission of Information Disclosure Statement | | Recording each patent assignment per property (times number of properties) | | Submission after final rejection (37 C.F.R. 1.129(a)) | | Add'l invention to be examined (37 CFR 1.129(b)) | | Other fee (specify) | |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Submission of Information Disclosure Statement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Submission after final rejection (37 C.F.R. 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Add'l invention to be examined (37 CFR 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Utility filing fee</td><td>\$ 370</td></tr> <tr><td>Design filing fee</td><td></td></tr> <tr><td>Plant filing fee</td><td></td></tr> <tr><td>Reissue filing fee</td><td></td></tr> <tr><td>Provisional filing fee</td><td></td></tr> </tbody> </table> SUBTOTAL (1) \$ 370 | | Fee Description | Fee Paid | Utility filing fee | \$ 370 | Design filing fee | | Plant filing fee | | Reissue filing fee | | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility filing fee | \$ 370 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims -20 = x \$9</td> <td>=</td> <td>\$</td> </tr> <tr> <td>Independent Claims - 3 = x \$42</td> <td>=</td> <td>\$</td> </tr> <tr> <td>Multiple Dependent -0- x \$140</td> <td>=</td> <td>\$</td> </tr> </tbody> </table> SUBTOTAL (2) \$ | | Extra Claims | Fee from below | Fee Paid | Total Claims -20 = x \$9 | = | \$ | Independent Claims - 3 = x \$42 | = | \$ | Multiple Dependent -0- x \$140 | = | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extra Claims | Fee from below | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims -20 = x \$9 | = | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent Claims - 3 = x \$42 | = | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Dependent -0- x \$140 | = | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEES (SUBTOTALS (1) & (2)) \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDITIONAL FEES Surcharge - late filing fee or oath _____ Surcharge - late provisional filing fee or cover sheet _____ Non-English specification _____ Request for reexamination _____ Requesting publication of SIR after Examiner action _____ | | SUBTOTAL (3) \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED: \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Typed/Printed Name

Ronald M. Anderson

Registration Number: 28,829

Signature

Ron Anderson

Date: November 15, 2001

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EL744183023US

Date of Deposit: November 15, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Michael C. King

(Name of person mailing paper/fee)

(Signature of person mailing paper or fee)